

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Vartan Manufacturing Corp. **level:** low **sdg no.:** Q1836
contract: F&GE01 **lab code:** CHEM **case no.:** Q1836 **sas no.:** Q1836
matrix: Water **sample id:** Q1836-01 **client id:** METALS-DAY-1MS
Percent Solids for Sample: NA **Spiked ID:** Q1836-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	3.56		0.20	U	4.0	89		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Vartan Manufacturing Corp. **level:** low **sdg no.:** Q1836
contract: F&GE01 **lab code:** CHEM **case no.:** Q1836 **sas no.:** Q1836
matrix: Water **sample id:** Q1836-01 **client id:** METALS-DAY-1MSD
Percent Solids for Sample: NA **Spiked ID:** Q1836-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	3.64		0.20	U	4.0	91		CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Vartan Manufacturing Corp. **level:** low **sdg no.:** Q1836
contract: F&GE01 **lab code:** CHEM **case no.:** Q1836 **sas no.:** Q1836
matrix: Water **sample id:** Q1836-04 **client id:** METALS-DAY-4MS
Percent Solids for Sample: NA **Spiked ID:** Q1836-04MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cadmium	ug/L	75 - 125	110		3.00	U	100	110		P
Chromium	ug/L	75 - 125	234		5.00	U	200	117		P
Copper	ug/L	75 - 125	242		79.4		150	108		P
Lead	ug/L	75 - 125	533		4.23	J	500	106		P
Molybdenum	ug/L	75 - 125	235		100	U	200	118		P
Nickel	ug/L	75 - 125	274		4.43	J	250	108		P
Silver	ug/L	75 - 125	17.3		1.97	J	37.5	41	N	P
Zinc	ug/L	75 - 125	145		35.2		100	110		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Vartan Manufacturing Corp. **level:** low **sdg no.:** Q1836
contract: F&GE01 **lab code:** CHEM **case no.:** Q1836 **sas no.:** Q1836
matrix: Water **sample id:** Q1836-04 **client id:** METALS-DAY-4MSD
Percent Solids for Sample: NA **Spiked ID:** Q1836-04MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cadmium	ug/L	75 - 125	103		3.00	U	100	103		P
Chromium	ug/L	75 - 125	225		5.00	U	200	112		P
Copper	ug/L	75 - 125	235		79.4		150	104		P
Lead	ug/L	75 - 125	494		4.23	J	500	98		P
Molybdenum	ug/L	75 - 125	203		100	U	200	102		P
Nickel	ug/L	75 - 125	269		4.43	J	250	106		P
Silver	ug/L	75 - 125	19.6		1.97	J	37.5	47	N	P
Zinc	ug/L	75 - 125	136		35.2		100	100		P